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Schlierbach (FR). WYDER, Lorenza [CH/CH]; Sevogelstrasse 76, CH-4052 Basel (CH). SUPLY, Thomas [—/FR]; 1 route de Mulhouse, 68440 Zimmersheim (FR).

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(71) Applicant (for all designated States except AT, US): NO-VARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(71) Applicant (for AT only): NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BAUMGARTEN, Birgit [DE/DE]; Erstelweg 27, 79594 Inzlingen (DE). JONES, Carol, Elizabeth [GB/GB]; Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB (GB). LUDWIG, Marie-Gabrielle [FR/FR]; 2, rue du Printemps, F-68300 Saint-Louis (FR). MARTINY-BARON, Georg [DE/DE]; Am Scheibenberg 10, 79336 Herbolzheim (DB). SEUWEN, Klaus [DE/FR]; 11, rue des Lilas, F-68730 Michelbach le Bas (FR). WOLF, Romain [LU/FR]; 28, rue de Kembs, F-68440

(74) Agent: GRUBB, Philipp; Novartis AG, Corporate Intellectuel Property, CH-4002 Basel (CH).

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(54) Title: PROTON-SENSING G-PROTEIN COUPLED RECEPTORS AND DNA SEQUENCES THEREOF

(57) Abstract: This invention relates to the newly identified utility of certain G protein-coupled receptors (GPCRs), in particular to OGR1, GPR4 and TDAG8 (TDAG8 is also named GPR65) polypeptides, and polynucleotides encoding such GPCR polypeptides, to their use in diagnosis and to methods of identifying compounds that are agonists or antagonists to said GPCRs, and to the production of such polypeptides and polynucleotides.